



Espacenet

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METHOD FOR CHECKING OF TISSUE OR ORGAN CONDITION AFTER OPERATION AND DEVICE FOR ITS REALIZATION

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Abstract of RU 2112416 (C1)

FIELD: medicine, pathophysiology. SUBSTANCE: impedance and its capacitive component of sensor-probe positioned directly in region of possible pathology are measured at several frequencies. Then obtained values are compared with preset standards. If required, measurements are repeated in any time necessary for examination of process dynamics. Sensor has measuring element with electrode made as two half-cylinder current-conducting plates embracing the dielectric manufactured of material having low dielectric permeability. Measuring element is positioned inside biologically neutral tube and connected to impedance meter in four-terminal circuit. Measurement can be performed in definite frequency range. EFFECT: checking of organ or tissue condition in dynamics. 3 cl, 2 dwgn